



Fig. 1

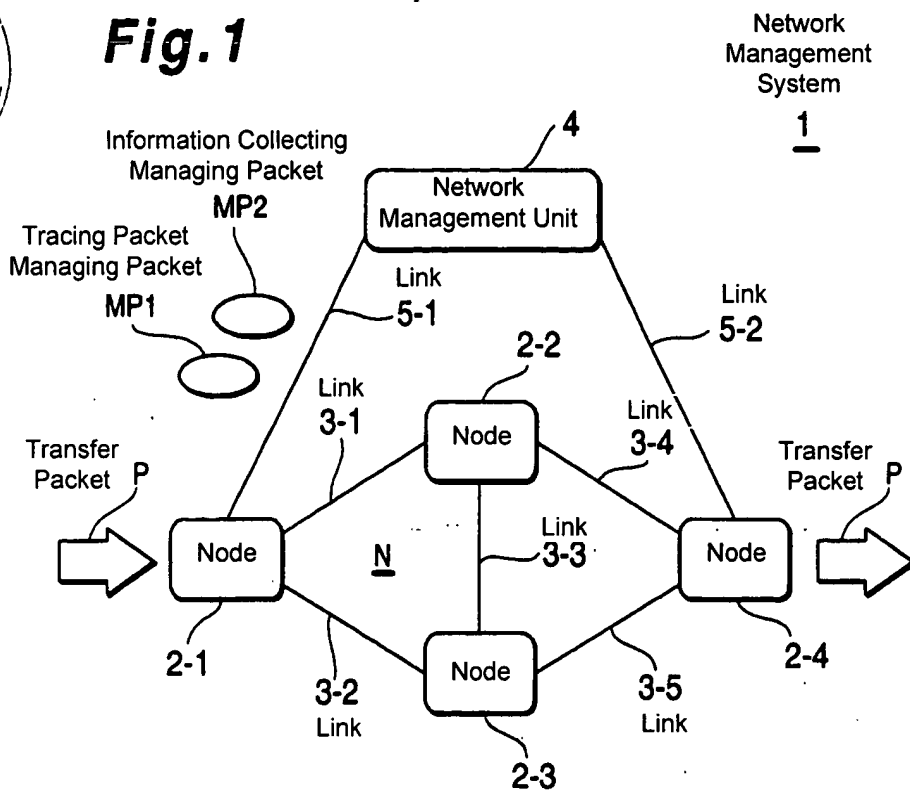


Fig. 2

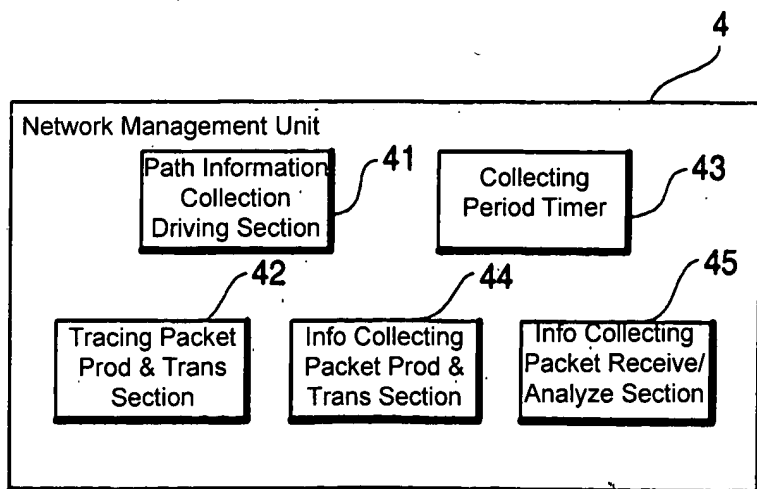


Fig.3

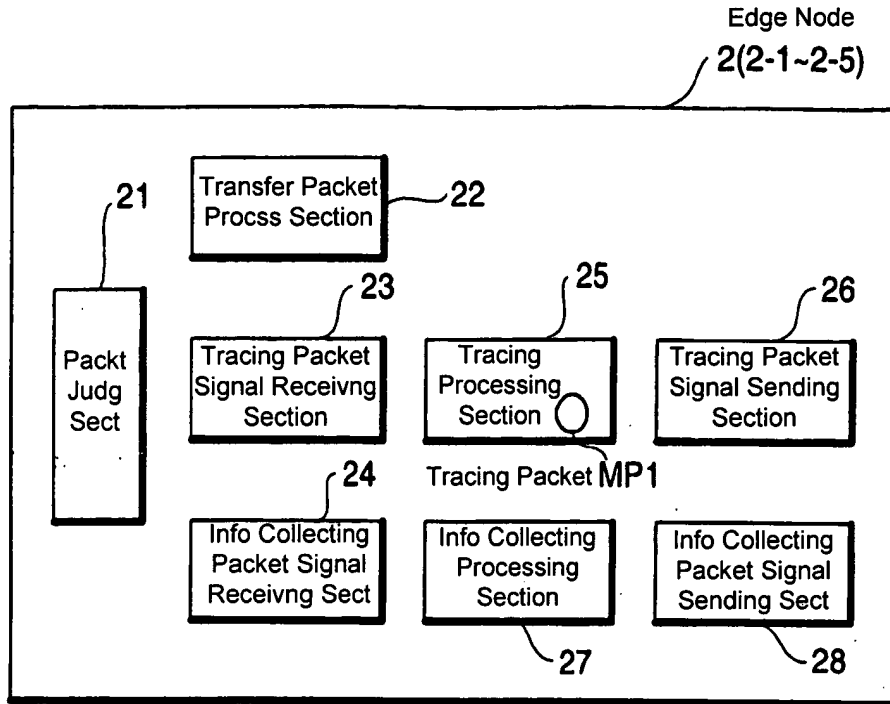


Fig.4

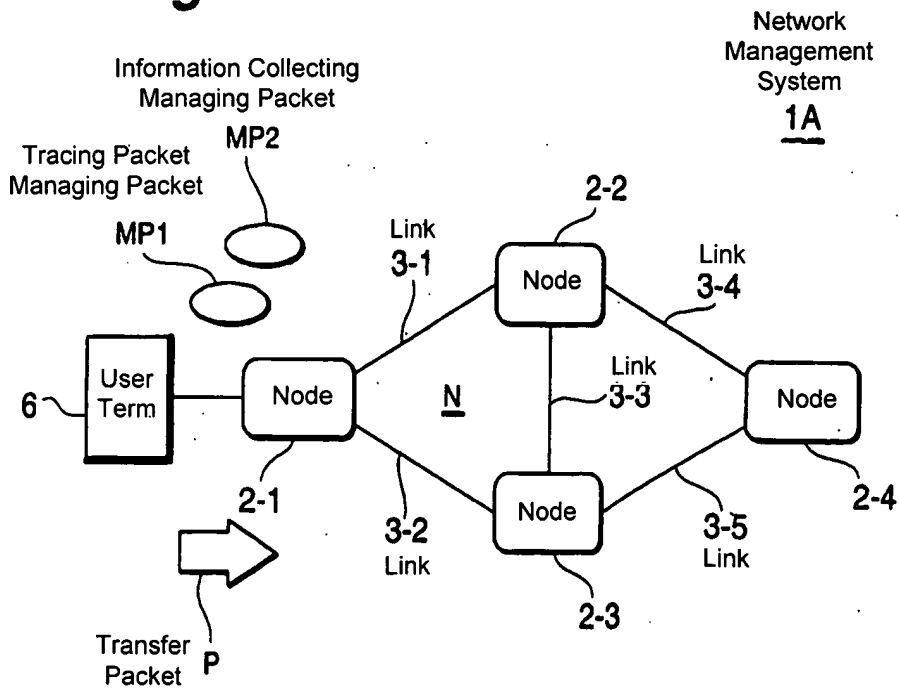


Fig.5

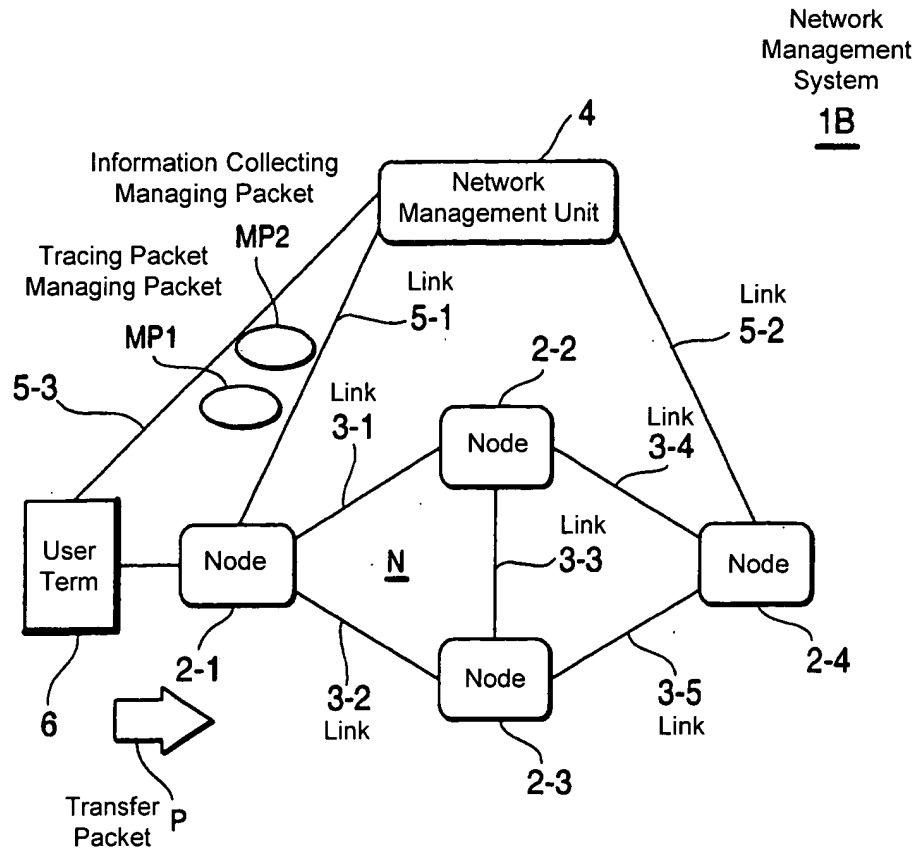
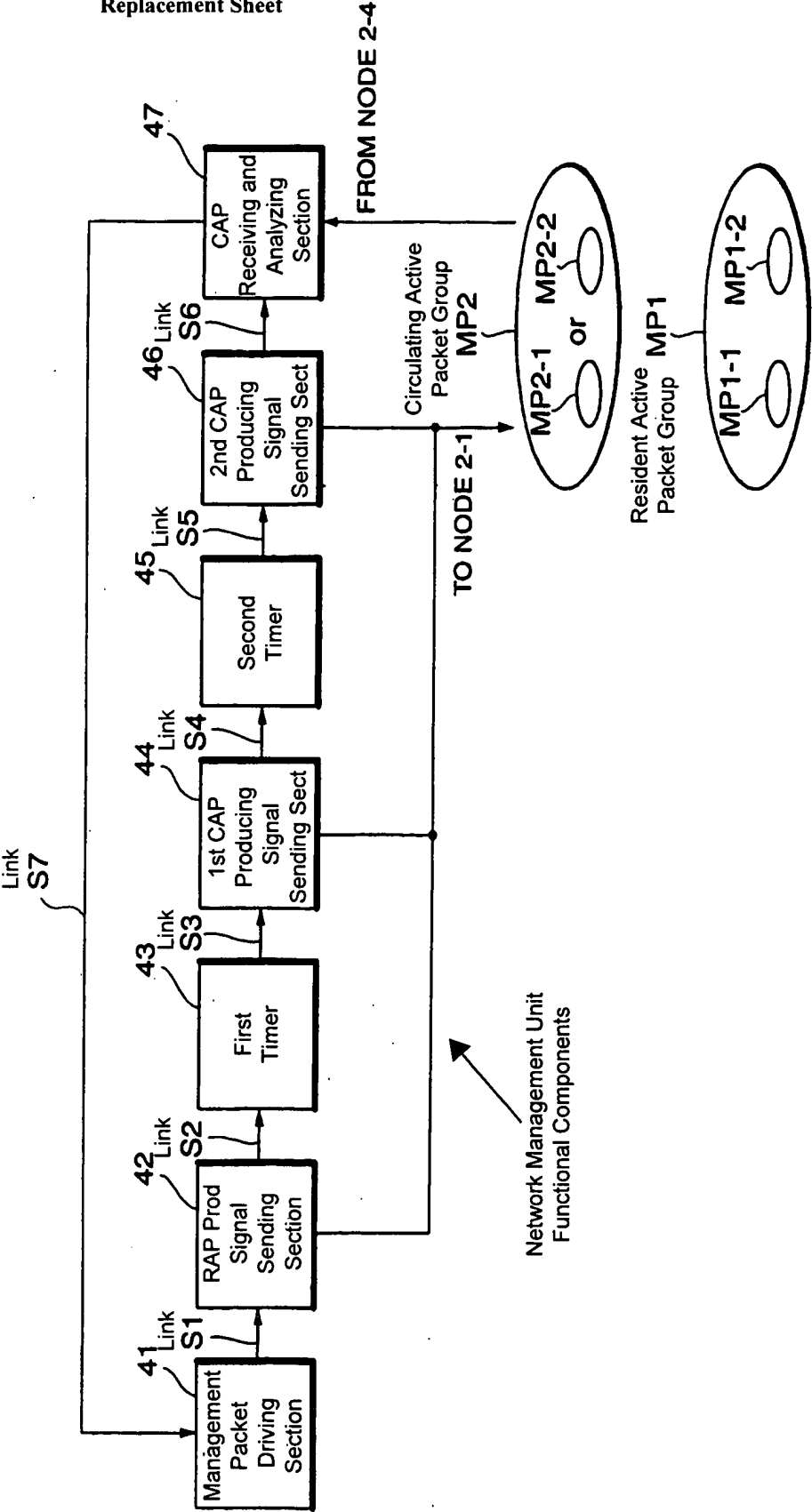


Fig. 6



Key

- MP1-1: Tracing Processing Packet
- MP1-2: QoS Control Packet
- MP2-1: Driving Packet
- MP2-2: Information Collecting Packet

Fig. 7

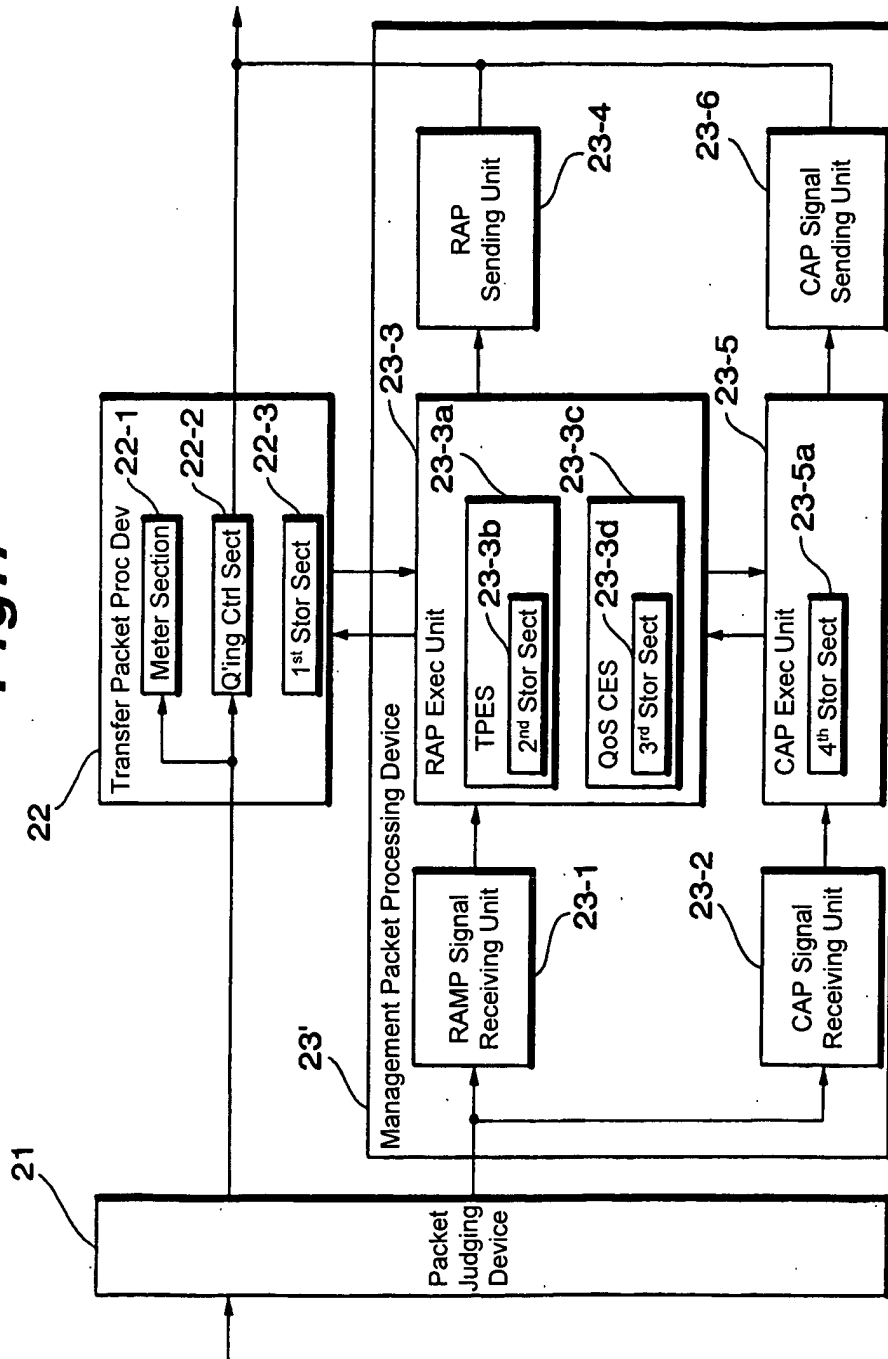
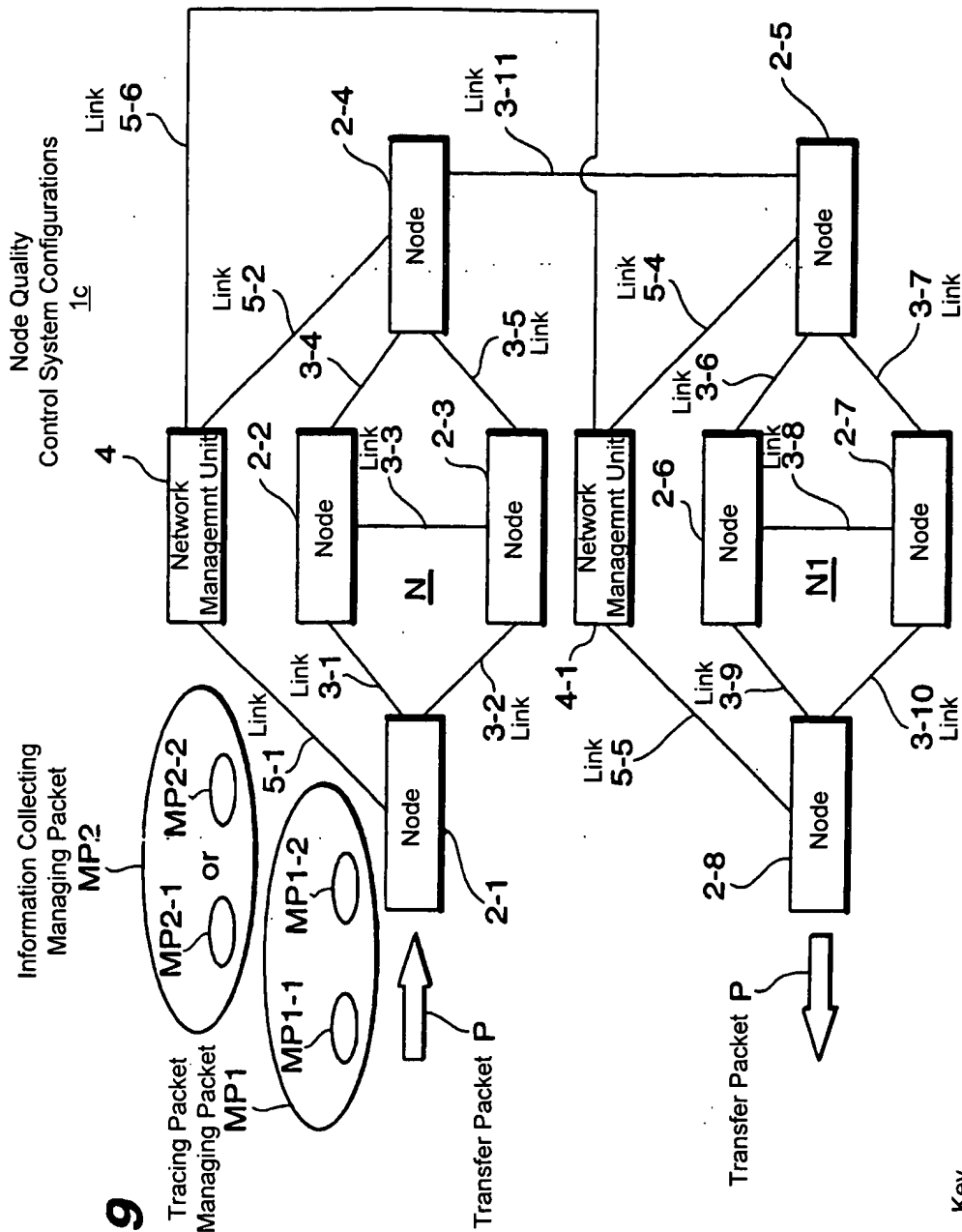


Fig.8

Class		—74	—75	—76	—77
Degree of importance		Class 4	Class 3	Class 2	Class 1
Degree of importance (High) —71	Sender IP address:AAA (Low delay,high throughput)	Precedence: Emergency(100)	Precedence: Urgency(Flash Override, 100) Urgency(Flash,011)	Precedence: Immediacy(010) Priority(001)	Precedence: Ordinary(000)
		Transmission of four packets per one time transmission. Order of transmitting 1, 31, 51 —78	Transmission of three packets per one time transmission. Order of transmitting 2,5, 32,35, 52,55 —79	Transmission of two packets per one time transmission. Order of transmitting 3,6,8, 33,36,38, 53,56,58 —80	Transmission of one packet per one time transmission. Order of transmitting 4,7,9,10, 34,37,39,40, 54,57,59,60 —81
Degree of importance (Middle) —72	Sender IP address:CCC (High throughput)	Transmission of four packets per one time transmission. Order of transmitting 11, 41 —82	Transmission of three packets per one time transmission. Order of transmitting 12,15, 42,45 —83	Transmission of two packets per one time transmission. Order of transmitting 13,16,18, 43,46,48 —84	Transmission of one packet per one time transmission. Order of transmitting 14,17,19,20, 44,47,49,50 —85
		Transmission of four packets per one time transmission. Order of transmitting 21 —86	Transmission of three packets per one time transmission. Order of transmitting 22,25 —87	Transmission of two packets per one time transmission. Order of transmitting 23,26,28 —88	Transmission of one packet per one time transmission. Order of transmitting 24,27,29,30 —89
Degree of importance (Low) —73	Sender IP address:EEE (Ordinary)				



Key

- MP1-1: Tracing Processing Packet
- MP1-2: Filtering Packet
- MP2-1: Tracing Processing Packet
- MP2-2: Information Collecting Packet

Fig. 10

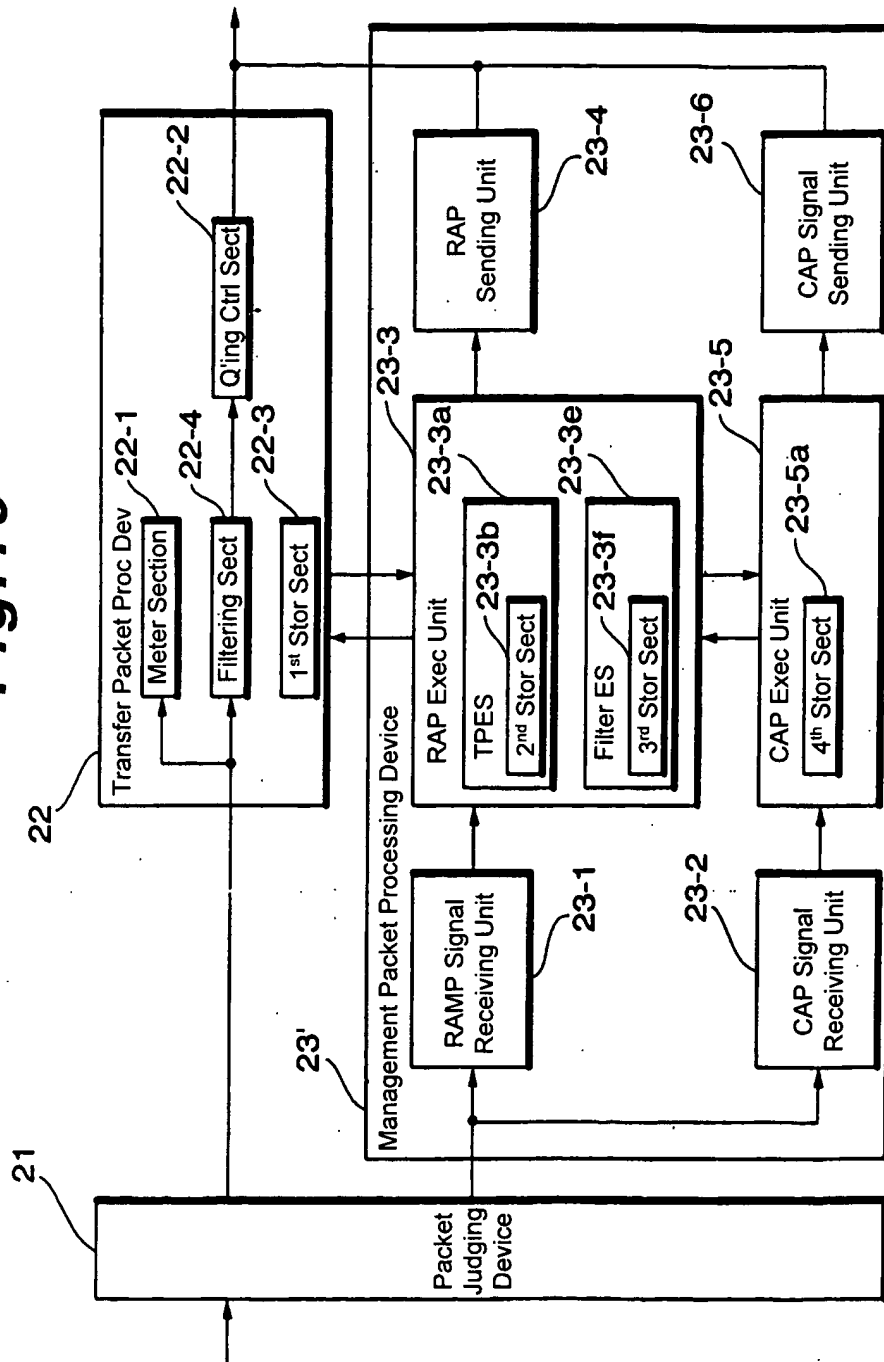


Fig. 11

[Table 7']

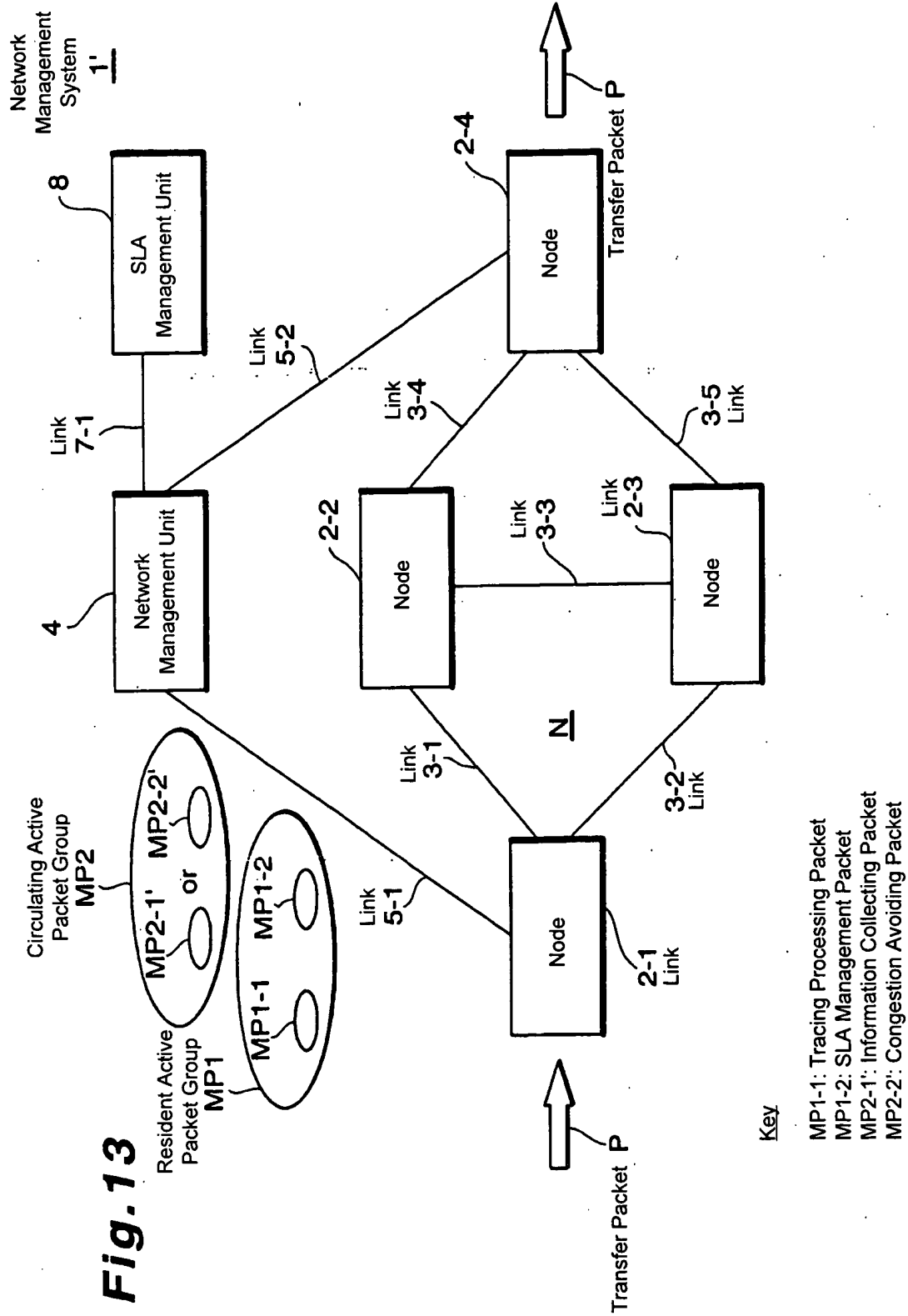
Value for check item	Value of check item exceeds maximum threshold value	Value of check item equal to maximum threshold value	Value of check item is minimum threshold value or more and maximum threshold or less	Value of check is minimum threshold value or less
Check item	~72	~73	~74	~75
Average use frequency of queuing for transfer packet in node	Transfer packet is abandoned	Transfer packets are abandoned at designated frequency	Transfer packets are abandoned depending on values of check item	Transfer packets are not abandoned
~71	~71a	~71b	~71c	~71d
First option (Above check item + precedence of transfer packet)	All transfer packets are abandoned starting from packet having lower precedence	Transfer packets are abandoned starting from packet having lower precedence at designated frequency	Transfer packets are abandoned starting with packet having lower precedence, depending on average frequency of queuing as value of check item	Not transfer packets are abandoned
~76	~76a	~76b	~76c	~76d
Second option (Average frequency of queuing control section of predetermined transfer packet)	All predetermined transfer packets P are abandoned	Predetermined transfer packet P is abandoned by designated frequency	Predetermined transfer packet is abandoned depending on value of check item	No predetermined transfer packet P is abandoned
~77	~77a	~77b	~77c	~77d
Third option (Contents provided in second option + precedence of predetermined transfer packets P)	All packets P having lower precedence are abandoned	Predetermined transfer packet is abandoned starting with packet having lower precedence with designated frequency	Predetermined transfer packet P is abandoned starting with packet having lower precedence and depending on value of check item	No predetermined transfer packet P is abandoned
~78	~78a	~78b	~78c	~78d

Fig. 12

[Table 8]

8

Value for check item	Value of check item exceeds maximum threshold value	Value of check item equal to maximum threshold value	Value of check item is minimum threshold value or more and maximum threshold or less	Value of check is minimum threshold value or less
Check item	~82	~83	~84	~85
Average transmission rate in traffics of transfer packet in node	Transfer packet is abandoned	Transfer packets are abandoned at designated frequency	Transfer packets are abandoned depending on values of check item	Transfer packets are not abandoned
~81	~81a	~81b	~81c	~81d
Fourth option (Above check item + precedence of transfer packet)	All transfer packets are abandoned starting from packet having lower precedence	Transfer packets are abandoned starting from packet having lower precedence at designated frequency	Transfer packets are abandoned starting with packet having lower precedence, depending on average frequency of queuing as value of check item	Not transfer packets are abandoned
~86	~86a	~86b	~86c	~86d
Fifth option (Average transmission rate in traffics of predetermined packet in node)	All predetermined transfer packets P are abandoned	Predetermined transfer packet P is abandoned by designated frequency	Predetermined transfer packet is abandoned depending on value of check item	No predetermined transfer packet P is abandoned
~87	~87a	~87b	~87c	~87d
Sixth option (Fifth option + precedence of predetermined transfer packet P)	All packets P having lower precedence are abandoned	Predetermined transfer packet is abandoned starting with packet having lower precedence with designated frequency	Predetermined transfer packet P is abandoned starting with packet having lower precedence and depending on value of check item	No predetermined transfer packet P is abandoned
~88	~88a	~88b	~88c	~88d



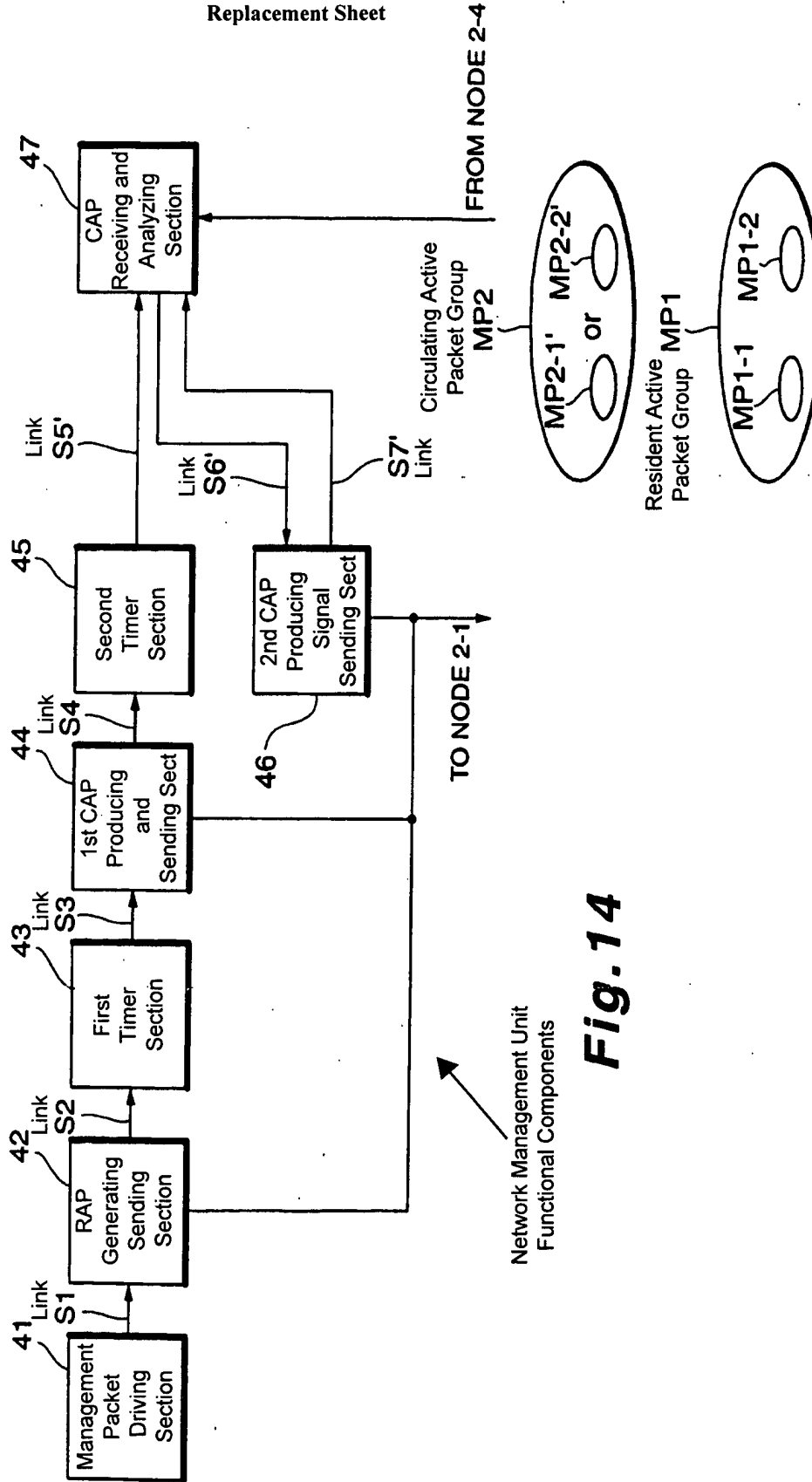
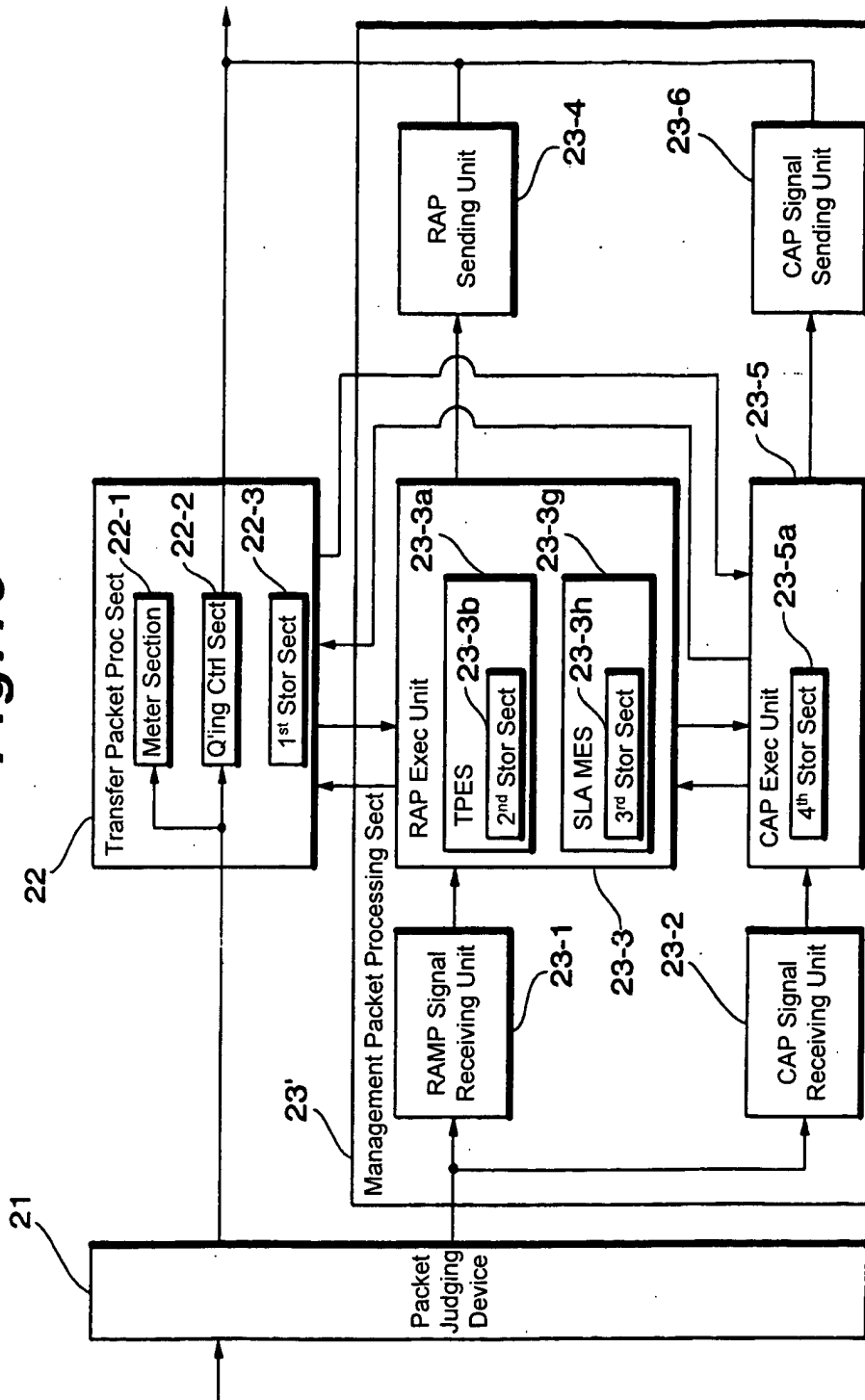


Fig. 14

Key

- MP1-1: Tracing Processing Packet
- MP1-2: Filtering Packet
- MP2-1: Tracing Processing Packet
- MP2-2: Information Collecting Packet

Fig. 15



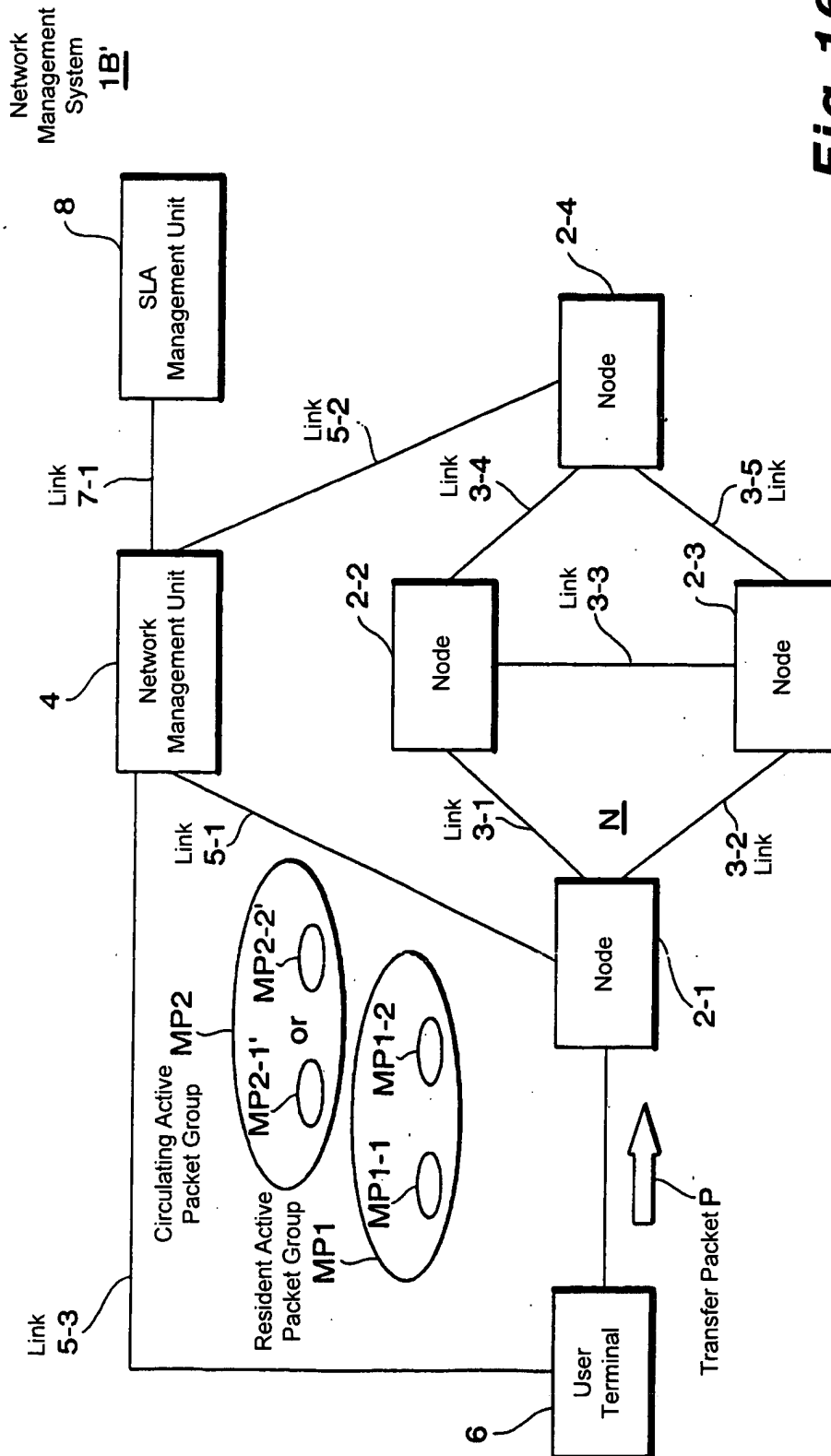
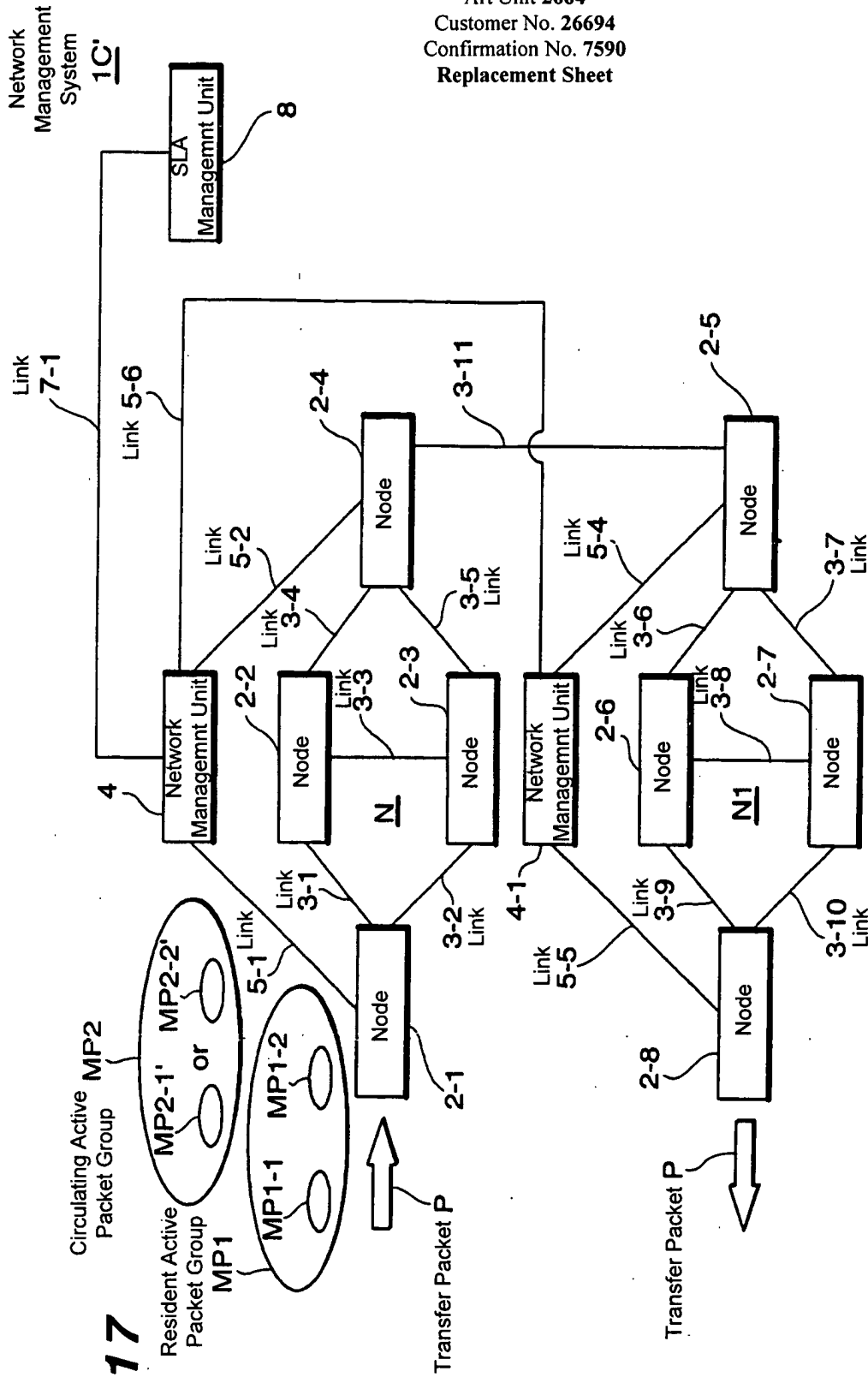


Fig. 16

Key

- MP1-1: Tracing Processing Packet
- MP1-2: SLA Management Packet
- MP2-1': Information Collecting Packet
- MP2-2': Congestion Avoiding Packet



Key

- MP1-1: Tracing Processing Packet
- MP1-2: SLA Management Packet
- MP2-1': Information Collecting Packet
- MP2-2': Congestion Avoiding Packet

Fig. 17